

APPROVED BY	O.G. FIG.
	CLASS/SUBCLASS
DRAFTSMAN	

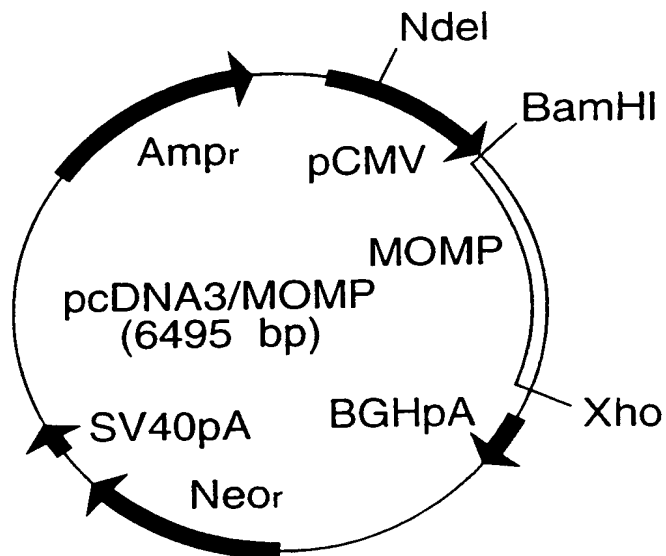


FIG.1

009027" 94624360

APPROVED	O.G. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

MoPn MOMP gene (nucleotide number of mature MOMP)

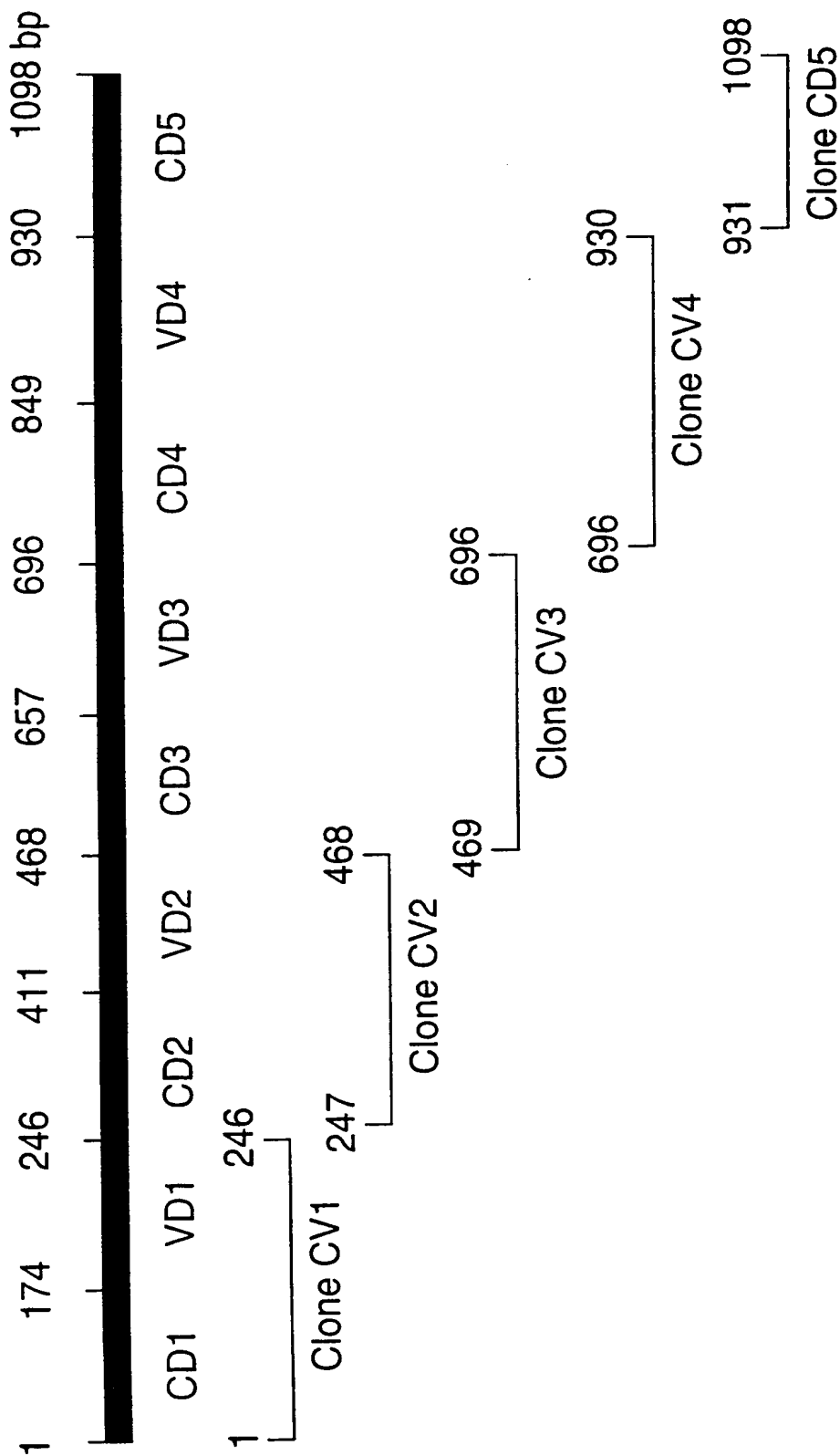


FIG.2

APPROVED	O.G. FIG.
BY	CLASS/SUBCLASS
DRAFTSMAN	

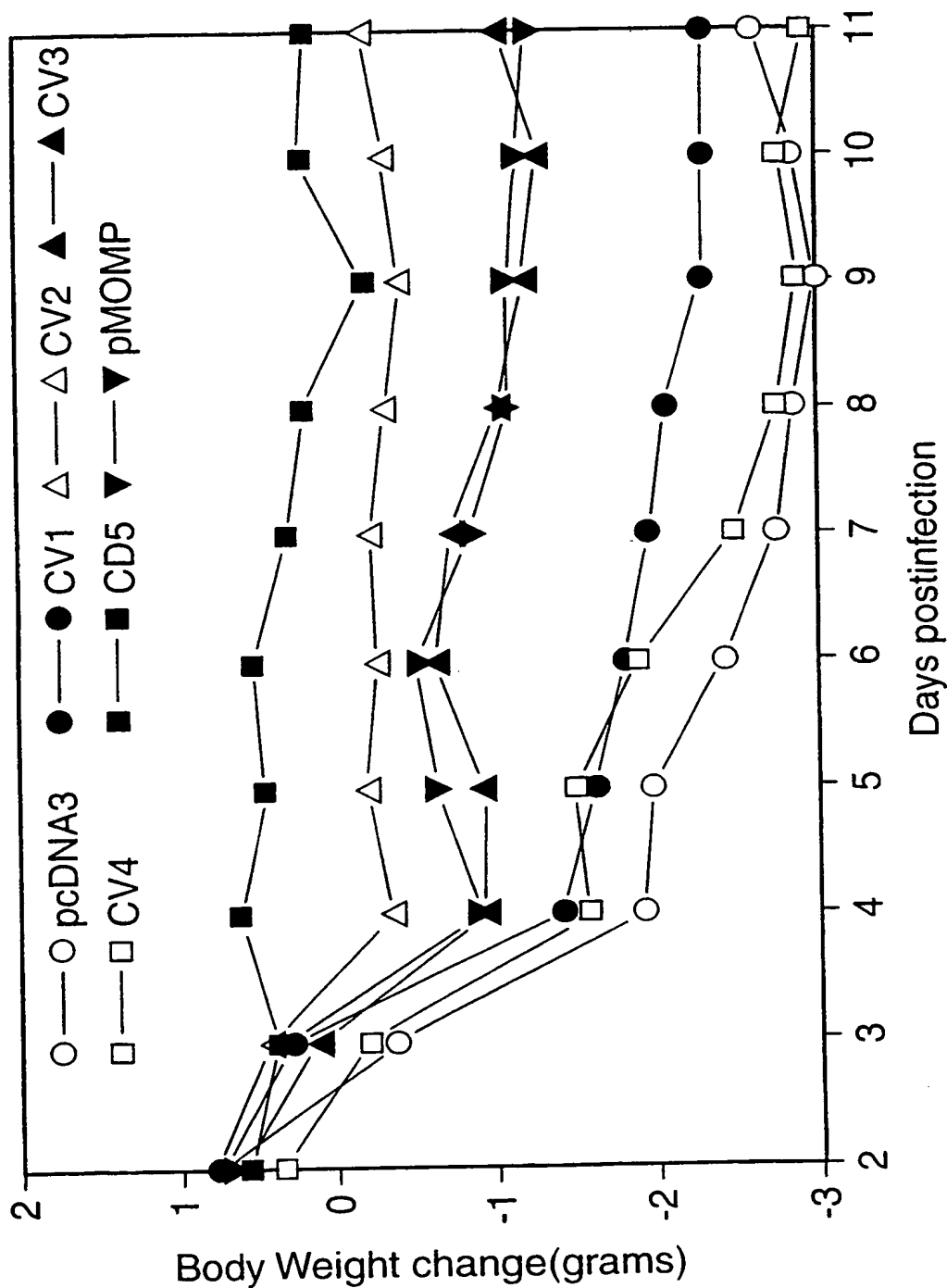


FIG.3

APPROVED	O.G. FIG.	CLASS	SUBCLASS
BY			
DRAFTSMAN			

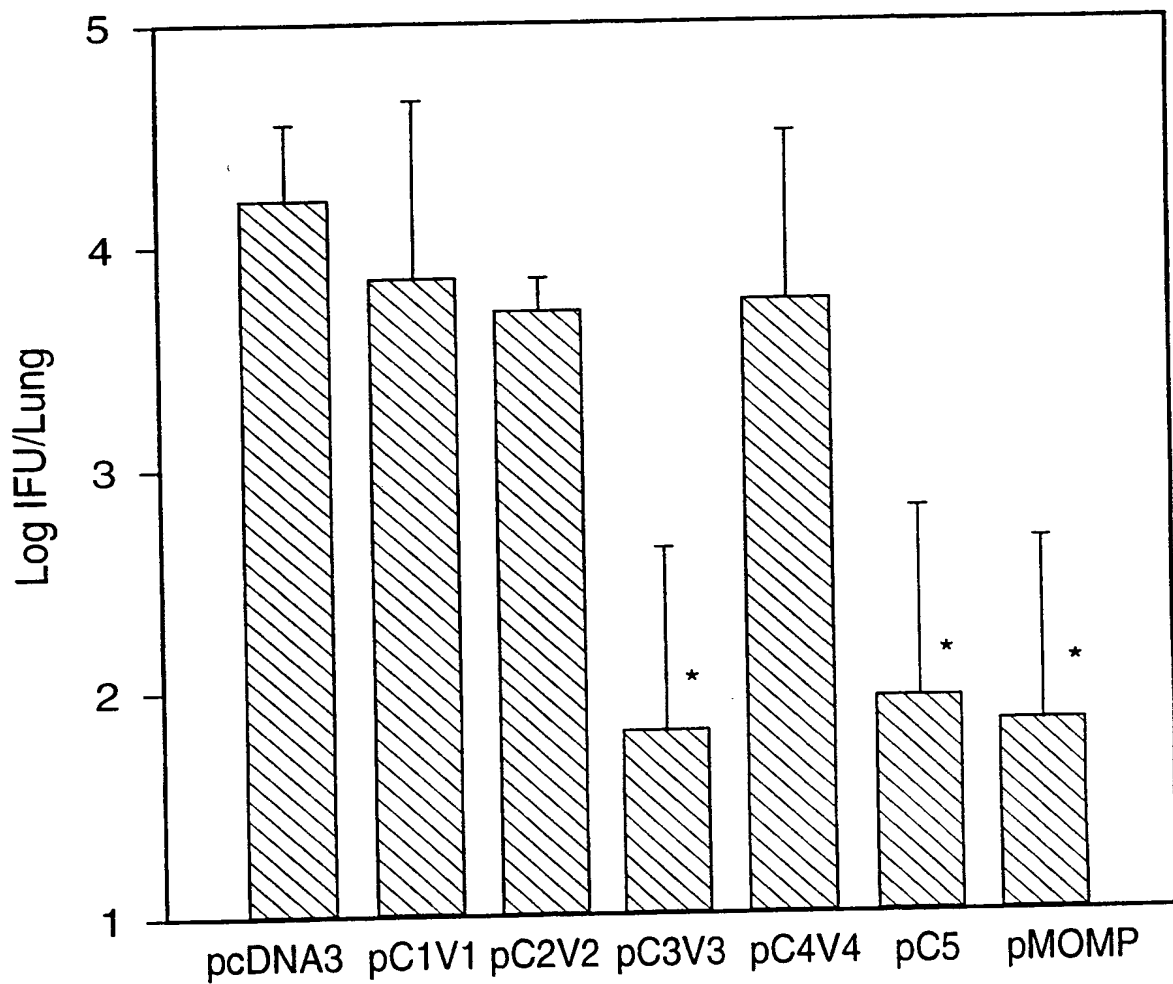


FIG.4

APPROVED BY	O.G. FIG.
	CLASS/SUBCLASS
DRAFTSMAN	

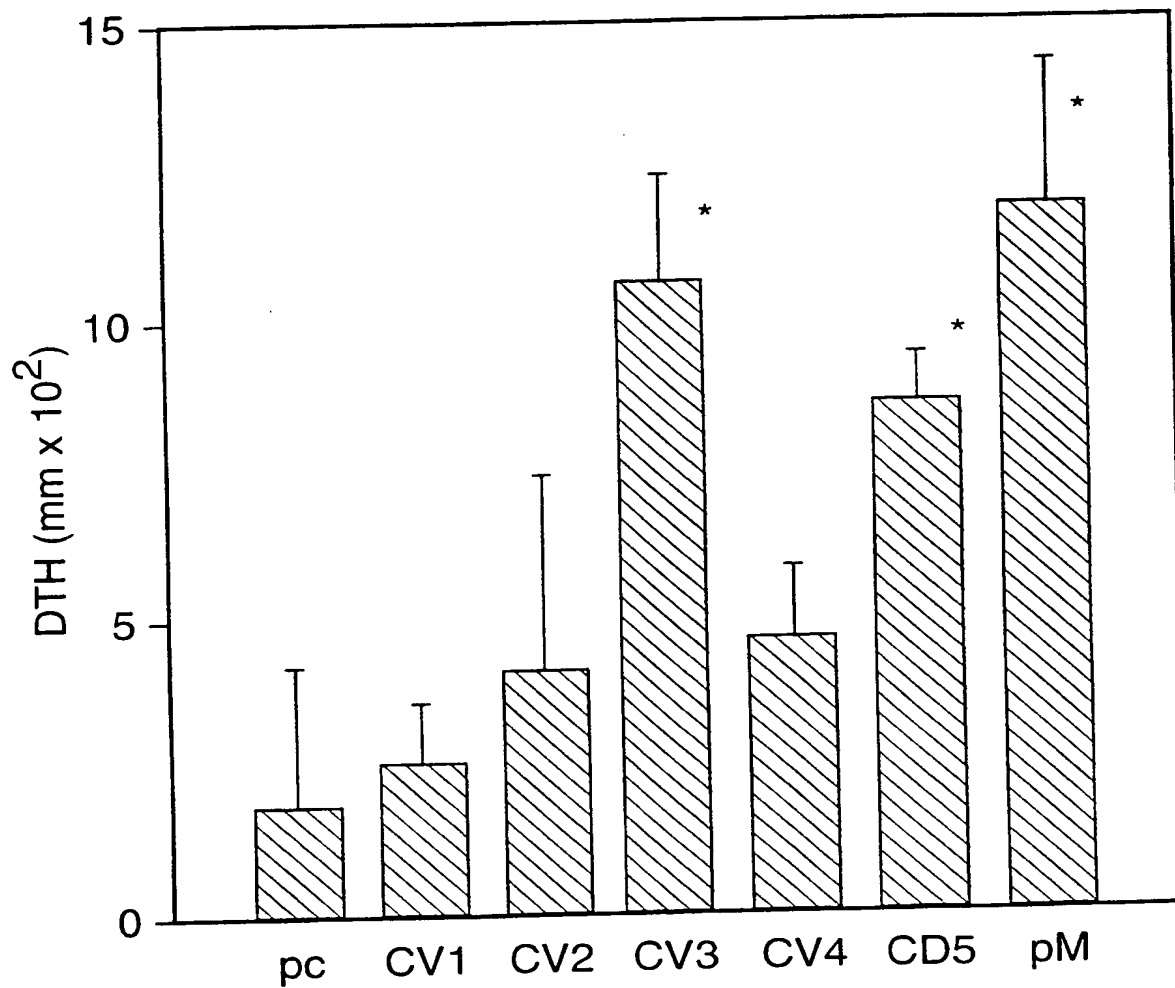


FIG.5

APPROVED	O.G. FIG.
BY	CLASS/SUBCLASS
DRAFTSMAN	

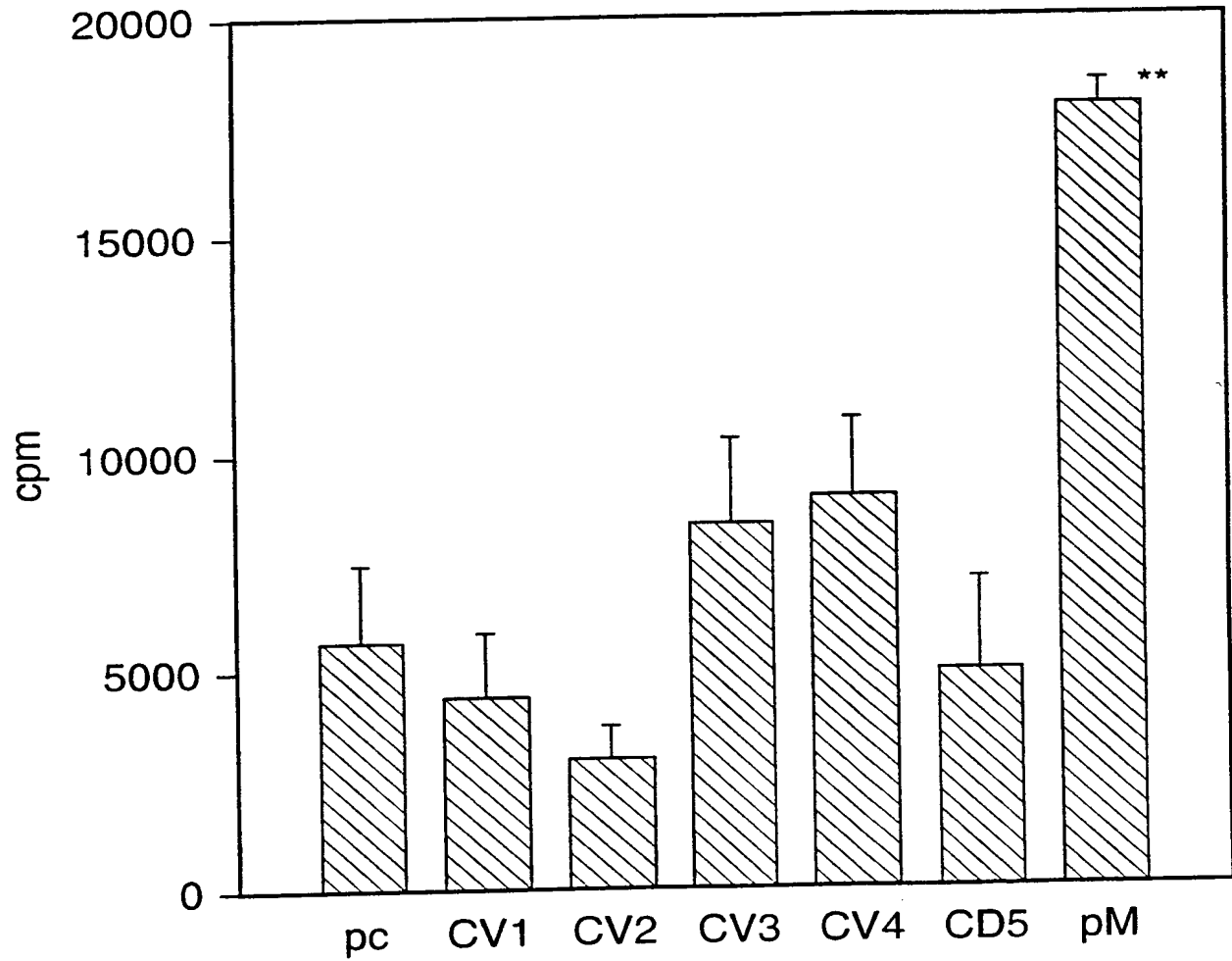


FIG.6

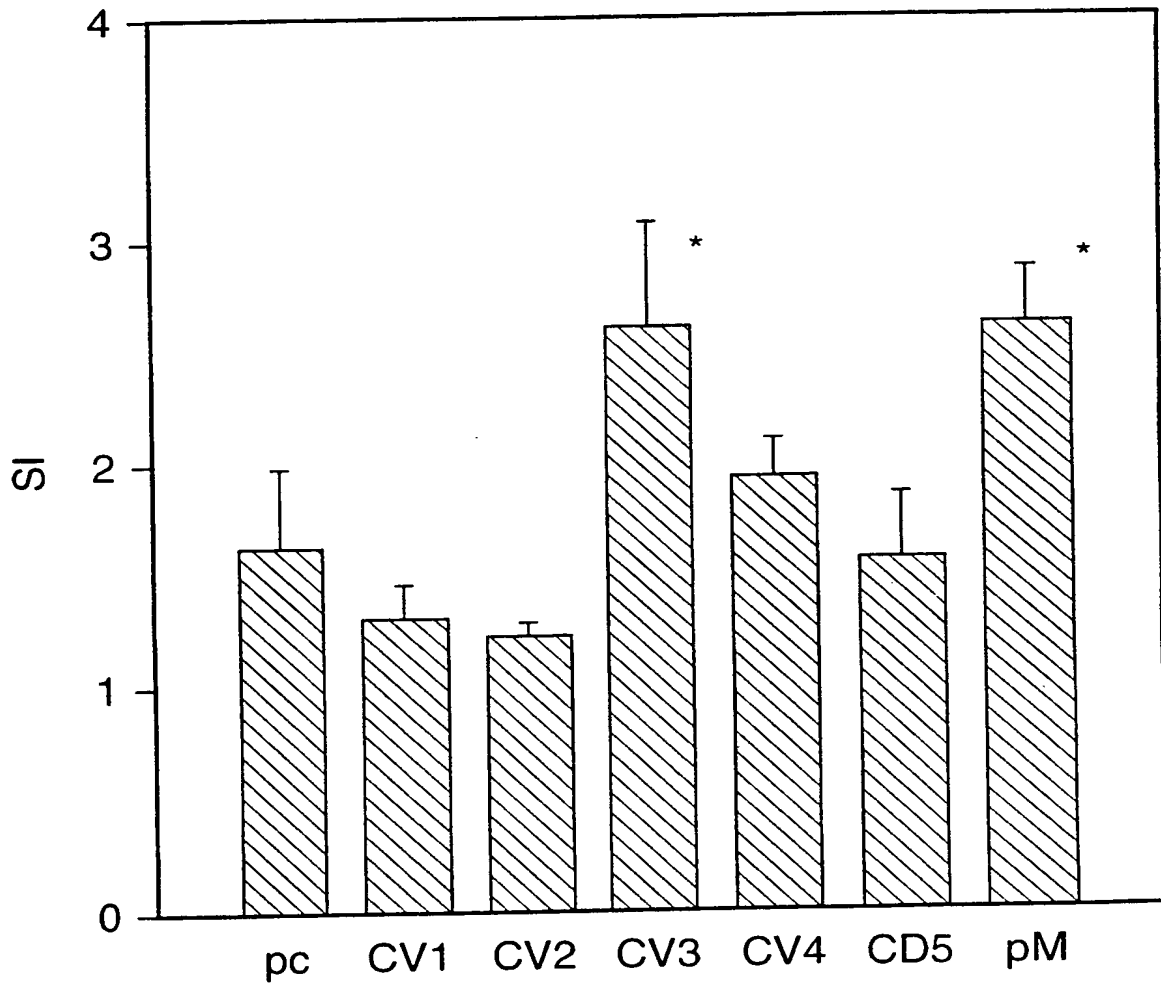


FIG.7

APPROVED	O.G. FIG.
BY	CLASS/SUBCLASS
DRAFTSMAN	

009021" 94647960

APPROVED	O.G. FIG.
BY	CLASS/SUBCLASS
DRAFTSMAN	

009027 " 946 4960

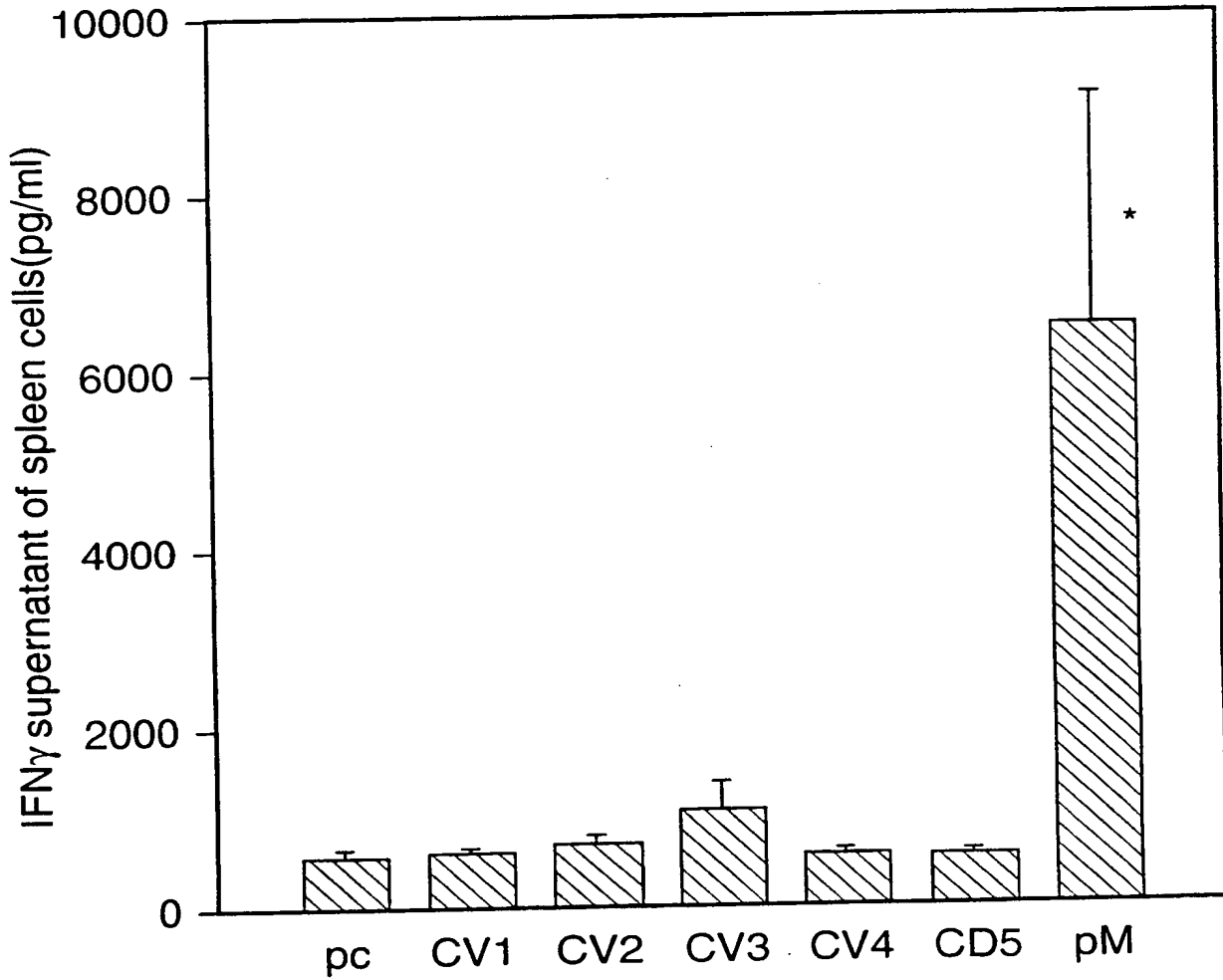


FIG.8



APPROVED BY	O.G. FIG.	
	CLASS/SUBCLASS	
DRAFTSMAN		

003021" 94647960

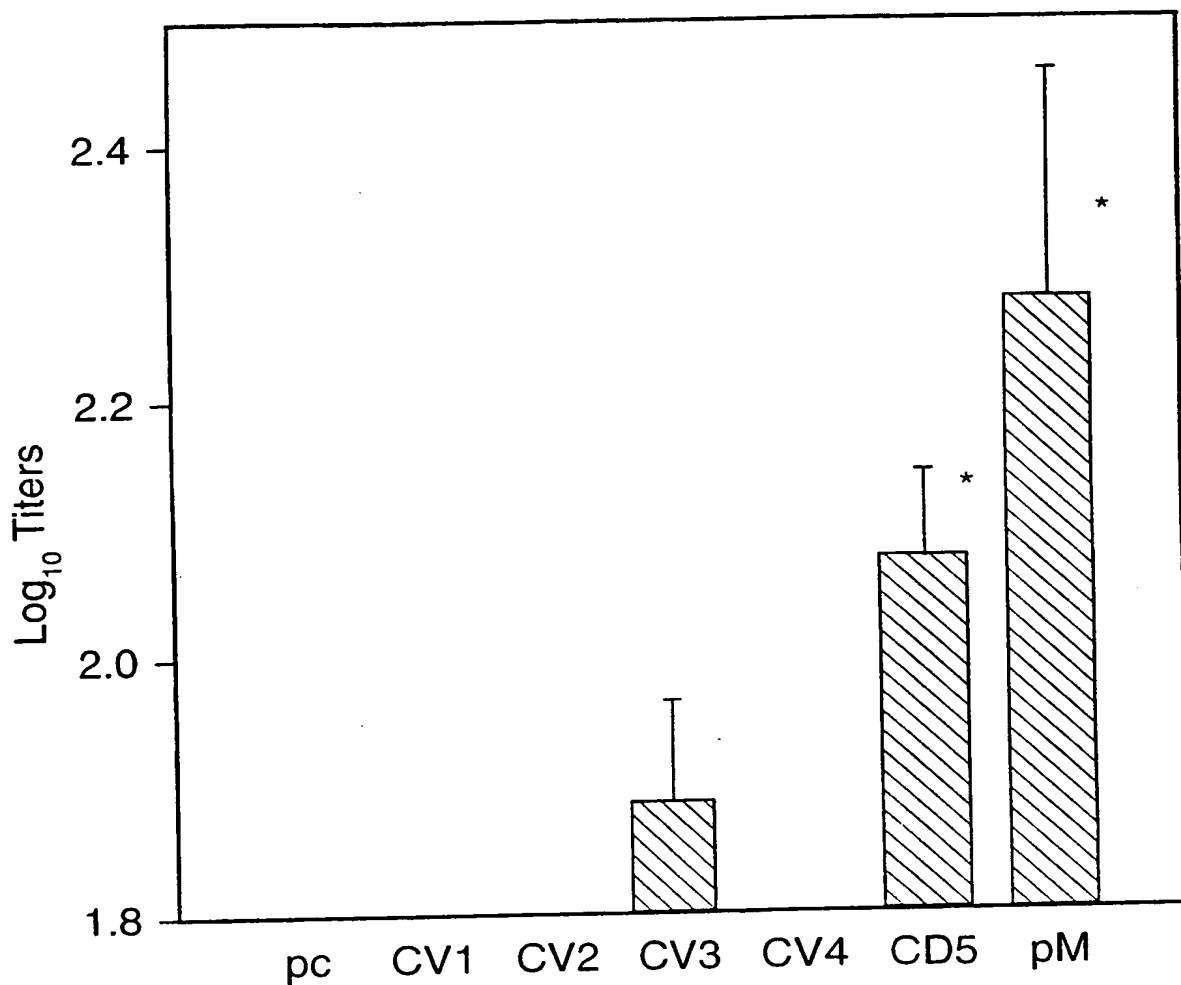


FIG.9

FIG.10A

APPROVED	O.G.FIG.
BY	CLASS/SUBCLASS
DRAFTSMAN	

	1	26	
E	MKLLKSVLVFAAL-SSASSLQALPVGNPAEPSIMIDGILWEGFGDP	C D	
B	.....		
L1	.....		
DA	.....		
L2	.....		
F	.....		
L3	.....		
A	.....		
C	.....		
H	.....		
MoPn	.....A.V.-G...H.....		
SFPD	.....A.V.-G...H.....		
GPIC	.....A.L...T-G..L.....L..TM..AS..		
Mn	.....A.L..TT-G..L.....L..TM..AS..		
HuPn	.....A.LS..FAG.VG.....SD...L..TI..AA.....		
	29	23	59
	P C	TTW C	DAISFMGYGDFVFDRLKTDNKK
			EFQ-MGDKPTSTTGNATPTT
			...-..A...T.....V..S.
			...-..A...A.....A..S.
			..H-..A...TD...SA..S.
			...-..A...TA.....A..S.
			78
			78
			78
			78
			78

FIG.10B

00902T" 3464960

APPROVED	O.G. FIG.
BY	CLASS/SUBCLASS
DRAFTSMAN	

WO 99/51745

11 / 15

09/647 946

PCT/CA99/00292

..E-..	EALAGAS..T.--S.	76
...-..	AE..TSDTAGL-SND	77
...-..	AA..TSDTAGL-EKD	77
...-..	AA..TSDTAGL-QND	77
...-..	AA..TNDADL-QND	77
Q.E-..	AA..G-DADL.TAP.	77
Q.E-..	PV..T.DTD.A.DI.	76
TIS-..	TA....N.A.DFK	75
T.SG.AAT..	QA..N.SNTNQ	79
T.S-..A...	----S.A.--N	73

115

83

E	LT---ARE	NPAYGRHMQDAEMFTNAACMAINIWDRFVDF	C	TLGASSYL
B	..---...	.....		.....
L1	C.---...	.....Y.....		.....T.....
DA	..---...	.....		.....T.....
L2	C.---...	.....Y.....		.....T.....
F	.SKLVE.T	.....K.....T.....		.....T.....
L3	P.TNV..P	.....K.....Y.....		.....TT.....
A	PVANV..P	.....K.....Y.....		.....TT.....
C	P.TNV..P	.....K.....Y.....		.....TT.....
H	PKTNV..P	.....K.....Y.....		.....TT.....

FIG.10C

MoPn	-PA--S..	.....K.....Y.....T.....	139	159
SFPD	TST--P..	.....K.....Y.....T.....		
GPIC	TVA--D.N	.....I.....K.....WS.....FL.....N.....		
Mn	PEAN-G.P	.....I.....E.....W.S.....FL.....I.....N.....F.....		
HuPn	Y.TAVD.P	.....NK.IH...W....GFI.....N.....I.....		
VD II				
	KGNSASFNLVGLFG	DNENQSTVKINS-----VPNMSLDQS	WELYTDTAFSMSG	174
	.....	N....TK..SNGAF----	.....A....	175
	.....	.....KDA-----F....	.....T.A....	174
	.....	.....K....AE.-----F....	.....T.A....	174
	.....	.....HA..SDSKL-----	.....T.A..A.	175
	.....	.....GV.ATKPAAD.-----I..VQ.N..	.....T.A....	175
	.....	.....TKIQSINFN.AKL-----TA.N.A	.....T.A....	177
	.....	.....TKIQS.GFD.ANI-----TA.N.A	.....T.A....	177
	.....	.....TKIQS.SFN.AKL-----I..TA.NEA	.....IN.T.A....	177
	.....	.....TKTKS.DFN.AKL-----IA.NRA	.....T.A....	177
	.....A.....	RD.TA-----VAADDI..V..S.A	.....A....	171
	.....	.....GVANAANAIAIATVAADSL..V..S.A	.....A....	180
	A.A.A.....L.	VTG-----TDLQCG---Y..VAIS.G	L.....T.....	169
	AS..A.....I.	FSAAS.ISTDLPTQ---L..VGIT.G	.....F.....S.....	178
	R...TA.....	VKG--T..N-ANE-----L..V..SNG	.....S.....	170

APPROVED	O.G. FIG.
BY	CLASS/SUBCLASS
DRAFTSMAN	

09/647 946

APPROVED	O.G. FIG.
BY	CLASS/SUBCLASS
DRAFTSMAN	

00902T" 94624960

FIG.10D

	182	184	210	
E	ARAALWE	C G C	ATLGASFQYAQSKPKVEELNVL	C NAAEFTINKPKGY
B	.....	.....	.....	.....
L1	.....	.....	.....	.....
DA	.....	.....	.....	.....
L2	.....	.....	.....	.....
F	.....	.....	I.....	.....
L3	.....	.....	.....	D.S.....
A	.....	.....	.....	S.....
C	.....	.....	.....	S.....
H	.....	.....	.....	S.....
MoPn	.....	.....	.....	.....
SFPD	.....	.....	.....	Q.....
GPIC	..G....	.....	E.....N.I.M...I	S SPTQ.V.H..R..
Mn	..G....	.....	E.....N.I.M...T	S SPTQ.V.H..R..
HuPn	..G....	.....	E.....	.VSQ.SV.....
			223	233
			VD III	
			VG --QEFPLALTAGTDA	ATGTKDASIDYHEWQASLALSYRLNMTTPYICVKSRA 273
			--K.L..D.T....	..... 274
			--K....D.T....	..... 273
			--K....D.T....	..... 273
			--...D.K...G V	..... 274

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

00902T" 94624960

FIG.10E

..	--K...	D.T...	.....	S.....	274
..	--A...	DIT..E.	.....	.....	276
..	--A...	DIT..E.	.....	.....	276
..	--A...	NIT..E.	.....	.....	276
..	--A...	DIT..E.	.....	.....	276
..	--	NIK...VS	.....	.....	270
..	--K...	T....S	.....	.....	279
K.	TAAN...	P.T...ES	.....	IG....LV....N....	270
K.	ASSN...	PIT...TE	.....	VG....LV....N....	280
K.	--VA...	PTD...VAT	.....	S.T.N....VGAS....SLV....Q....	269

E	SFDADTIRIAQPK	SATAIFDITTTINPTIAGAG-DVKASA----	EGQLG DT	316
B	.....	ET...V.....T..----	.....	
L1	.....	L.....-E...N.----	.....	
DA	.....	.....TGT-----	.....	
L2	.....	TV...V.....	.....	
F	.....S.....R	LV.PW.I.....C.-S.AGANT----	IS ..	
L3	.....	L.E.VL.V.....K.-S.V.GS---NE.A ..	.....	
A	.....	L.KPVL.....K.-T.VS.-----NE.A ..	.....	
C	.....	L.E..L.V.....K.-S.VSAGT---DNE.A ..	.....	
H	.....	L.E..L.V.....K.-T.V.GS---DNE.A ..	.....	
MoPn	.....	LE.S.LKM.W.....S.S.I.-----DTKIT ..	.....	

FIG.10F

SFPD	.....	L.E..L.V..W.....	TIADGIGAATANG.A ..
GPIC	T....S.....	LP...INL..W...LL.---	EATTING---AKYA .Q
Mn	T.....	LKSE.INI..W..SLI.ST-	TALPNNSGK--DV.S .V
HuPn	T....N.....	LP..VINL.AW..SLL.---	NAT.LSTT---DSFS .F

335

MQIVSLQINMKSRKS	C	GIAVGTTIVDADKYAVTVE	TRLIDERAHVNAQFRF	371
.....	.....	.....	.....	372
.....	.....	.....	.....	371
.....	.....	.....	.....	371
.....	.....	.....	.....	372
.....	.....	.....	.....	373
.....	.....	.....	.....	375
.....	.....	V.....I.....	.....	374
.....	.....	.....A.....	.....	375
.....	.....	.....	.....	375
L.....	.....	L.I.....	.....	365
L.....	.....	L.I.....	.....	382
L.A..I.....A.	.....	A.LI...WSI.G.A..N.....	.....	367
L.A.I.I.....A.	.....	V..A.LI...WSI.G.A..N.....	M.....	380
.....C.I..F.....A.	.....	VT..A.L.....WSL.A.A..N.....	SG...	366

APPROVED	O.G.FIG.
BY	CLASS/SUBCLASS
DRAFTSMAN	

009027" 9464960